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(54) SULFUR COMPOUND ADSORBENT

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a highly durable sulfur compd. adsorbent capable of efficiently adsorbing and removing sulfur compds. from a gas contg. relatively small amts. of such malodorous sulfur compds. as hydrogen sulfide, mercaptanes and sulfides and the balance hydrocarbons or further from a gas such as air contg. the malodorous sulfur compds.

SOLUTION: This sulfur compd. adsorbent is formed by depositing at least one kind of element selected from a group consisting of Ti, Zr, Fe, Cu, Ce and La and at least one kind of element selected from a group consisting of Pt, Au and Pd on the manganese oxide having 250m²/g specific surface and 37±1° angle (2θ) of diffraction at the diffraction peak as the maximum intensity in X-ray diffraction.

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